```
Layer (type)            Output Shape        Param #
=================================================================
input_1 (InputLayer)    (None, 1)           0
_____
lambda_1 (Lambda)       (None, 512)         0
_____
dense_1 (Dense)         (None, 16)          8208
_____
dropout_1 (Dropout)     (None, 16)          0
_____
dense_2 (Dense)         (None, 1)           17
=================================================================
Total params: 8,225
Trainable params: 8,225
Non-trainable params: 0
_____
Train on 80000 samples, validate on 20000 samples
Epoch 1/10
80000/80000 [==============================] - 162s 2ms/step - loss: 0.3879 - acc: 0.8316 - val_loss: 0.3455 - val_acc: 0.8469
Epoch 2/10
80000/80000 [==============================] - 153s 2ms/step - loss: 0.3478 - acc: 0.8474 - val_loss: 0.3388 - val_acc: 0.8491
Epoch 3/10
80000/80000 [==============================] - 152s 2ms/step - loss: 0.3420 - acc: 0.8506 - val_loss: 0.3341 - val_acc: 0.8508
Epoch 4/10
80000/80000 [==============================] - 153s 2ms/step - loss: 0.3380 - acc: 0.8526 - val_loss: 0.3337 - val_acc: 0.8511
Epoch 5/10
80000/80000 [==============================] - 158s 2ms/step - loss: 0.3333 - acc: 0.8545 - val_loss: 0.3269 - val_acc: 0.8550
Epoch 6/10
80000/80000 [==============================] - 153s 2ms/step - loss: 0.3298 - acc: 0.8558 - val_loss: 0.3260 - val_acc: 0.8570
Epoch 7/10
80000/80000 [==============================] - 214s 3ms/step - loss: 0.3266 - acc: 0.8582 - val_loss: 0.3223 - val_acc: 0.8551
Epoch 8/10
80000/80000 [==============================] - 304s 4ms/step - loss: 0.3232 - acc: 0.8600 - val_loss: 0.3205 - val_acc: 0.8574
Epoch 9/10
80000/80000 [==============================] - 302s 4ms/step - loss: 0.3215 - acc: 0.8609 - val_loss: 0.3179 - val_acc: 0.8593
Epoch 10/10
80000/80000 [==============================] - 299s 4ms/step - loss: 0.3186 - acc: 0.8630 - val_loss: 0.3161 - val_acc: 0.8616
```
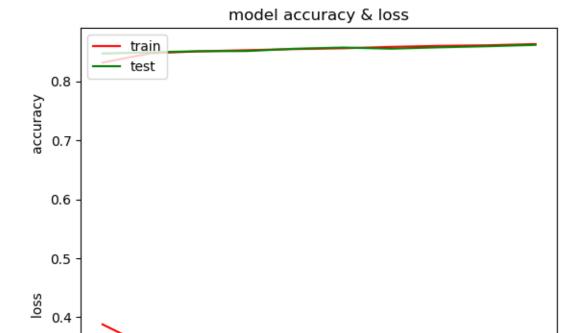
model accuracy & loss